

the software system further configured to provide that the authoring tools create an electronic document using the client computer and that the client computer transfers the electronic document to the server computer in a form allowing the translation component executing on the server computer to create the prepress format file so that when the prepress format file is used to produce a document the document is consistent with the WYSIWYG form displayed to the user on the client computer, and so that the user need only be concerned with authoring the electronic document and not with the creating a prepress format file, and further so that the authored electronic document can be automatically processed by the server computer into a prepress format file;

A/ wherein the client computer is one of a plurality of client computers each including a web browser capable of interacting with at least one Internet web site addressed by a uniform resource locator (URL) and the server computer is one of at least one server computers connected to the plurality of client computers over the Internet;

sending log-on information regarding a user from a client computer to [a] the server computer over the Internet, wherein the user has profile data maintained by the server computer, and authenticating the user at the server computer;

downloading [an authoring program] one or more of the authoring tools from the server computer to the client computer;

the user using [the authoring program] at least one downloaded authoring tool at the client computer to create an electronic document;

sending the electronic document from the client computer to the server computer;

saving the electronic document in an internal format at the server computer;

and using the translation component, translating the electronic document from the internal format to a different suitable prepress format file usable to produce a corresponding document on a printing device [; and,

sending the document in the different format to a printer].

2. (Cancelled) The computerized prepress method of claim 1, wherein the client computer and the server computer are communicatively coupled to one another through the Internet.

3. (Cancelled) The computerized prepress method of claim 1, wherein the client computer and the server computer are communicatively coupled to one another through an intranet.

4. (Cancelled) The computerized prepress method of claim 1, wherein the client computer and the server computer are communicatively coupled to one another through an extranet.

5. The computerized prepress method of claim 1, wherein authenticating the user at the server computer comprises associating the user with at least one of a particular directory on the server computer, a set of defaults regarding fonts, colors, images and commands available to the user, and an authorization level selected from the group of authorization levels essentially comprising normal, administrator, and demonstration.

6. The computerized prepress method of claim 1, wherein the authoring program downloaded from the server computer to the client computer is coded in a language selected from the group essentially comprising Perl, Java, C++, C, and ActiveX.

AQ 4 7. (Amended) The computerized prepress method of claim 1, wherein the electronic document is selected from the group essentially comprising a business card, a letterhead, an envelope, and a brochure.

8. The computerized prepress method of claim 1, wherein the authoring program comprises a color palette area to select a color from a palette of colors.

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9. The computerized prepress method of claim 8, wherein the palette of colors comprises the palette of colors available from one selected from the group essentially comprising Pantone, Toyo, Focaltone, and Tru-Match.

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7 10. (Amended) The computerized prepress method of claim 1, wherein using the authoring program at the client computer to create an electronic document comprises sending desired text from the client computer to the server computer for translation into an image and sending the image from the server computer back to the client computer.

11. The computerized prepress method of claim 10, wherein the image is in a format selected from the group essentially comprising GIF, TIFF, and JPEG.

12. The computerized prepress method of claim 10, wherein the image has a maximum resolution of 4:1.

13. The computerized prepress method of claim 1, wherein the document includes one or more images, at least one of the images being in a format selected from the group essentially comprising encapsulated PostScript, TIFF, GIF, and JPEG.

14. The computerized prepress method of claim 13, wherein at least one of the images has a maximum resolution of 1:1.

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12 15. (Amended) The computerized prepress method of claim 1, wherein the different format file is selected from a group essentially comprising PostScript, HTML, PDF, and PostScript Extreme.

13 16. (Amended) The computerized prepress method of claim 1, [wherein sending the document in the different format to the printer comprises generating an electronic mail for submission to the printer including an attachment comprising the document in the different format] further including distributing the prepress format file to a location remote from the server computer for printing at the remote location.

17. (Cancelled) The computerized prepress method of claim 16, wherein the electronic mail is MIME-compliant.

14 18. (Amended) A computerized prepress system comprising:
a server having stored thereon [an authoring program to create a document and a translation program to translate the document to a suitable prepress format] a computerized prepress software system, wherein the prepress software system includes one or more document authoring tools and at least one prepress translation component, further wherein at least some of the authoring tools are adapted to download to a client computer to be used to author an electronic document and the translation component is adapted to produce a prepress format file from an authored electronic document;

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wherein at least one downloaded authoring tool is a program that is adapted to execute in a web browser and has one or more functions adapted to create an electronic document, display the electronic document in WYSIWYG form to the user, and allow a user to select and edit at least one element of the electronic document while at least a portion of the electronic document is simultaneously displayed;

the software system further adapted to provide that the authoring tools create an electronic document using the client computer and that the client computer transfers to the server computer the electronic document in a form allowing the translation component executing on the server computer to create the prepress format file so that when the prepress format file is used to produce a document the document is consistent with the WYSIWYG form displayed to the user

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on the client computer, and so that the user need only be concerned with authoring the electronic document and not with creating a prepress format file, and further so that the authored electronic document can be automatically processed by the server computer into a prepress format file; and

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wherein the client computer is one of a plurality of client computers each including a web browser capable of interacting with at least one Internet web site addressed by a uniform resource locator (URL) and the server computer is one of at least one server computers connected to the plurality of client computers over the Internet.

[a client downloading the authoring program from the server to create the document, which is uploaded to the server for translation to the suitable prepress format; and,

a printer receiving the document as translated to the suitable prepress format from the server].

19. (Cancelled) The computerized prepress system of claim 18, wherein the server, the client and the printer are communicatively coupled to one another through the Internet.

20. (Cancelled) The computerized prepress system of claim 18, wherein the server, the client and the printer are communicatively coupled to one another through an intranet.

21. (Cancelled) The computerized prepress system of claim 18, wherein the server, the client and the printer are communicatively coupled to one another through an extranet.

22. The computerized prepress system of claim 18, wherein the server comprises an Internet world-wide-web server.

23. (Cancelled) The computerized prepress system of claim 18, wherein the server comprises an intranet world-wide-web server.

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24. (Cancelled) The computerized prepress system of claim 18, wherein the server comprises an extranet world-wide-web server.

25. (Cancelled) The computerized prepress system of claim 18, wherein the authoring program runs on the client in an Internet world-wide-web browser program.

A6 16 26. (Amended) The computerized prepress system of claim [25] 18, wherein the browser program is selected from the group essentially comprising Netscape Navigator and Microsoft Internet Explorer.

27. (Cancelled) The computerized prepress system of claim 18, wherein the authoring program runs on the client in an intranet world-wide-web browser program.

28. (Cancelled) The computerized prepress system of claim 18, wherein the authoring program runs on the client in an extranet world-wide-web browser program.

29. The computerized prepress system of claim 18, wherein the authoring program is coded in a language selected from the group essentially comprising Perl, Java, C++, C, and ActiveX.

A7 18 30. (Amended) The computerized prepress system of claim 18, wherein the electronic document is selected from the group essentially comprising a business card, a letterhead, an envelope, and a brochure.

31. The computerized prepress system of claim 18, wherein the authoring program comprises a color palette area to select a color from a palette of colors.

A8 20 32. (Amended) The computerized prepress system of claim 18, wherein the suitable prepress format file is selected from a group essentially comprising PostScript, HTML, PDF, and PostScript Extreme.

21 33. (Cancelled) The computerized prepress system of claim 18, wherein the printer receives the document from the server via an electronic mail to which the document is included as an attachment.

21 34. (Amended) A client computer comprising:
a processor;
a computer-readable medium;
a communications device;
an operating environment program comprising a web browser executed by the processor from the medium; and,

A9 an authoring program downloaded from a server through the communications device and executed by the processor from the medium within the operating environment program, wherein the authoring program includes at least one downloaded authoring tool which has one or more functions adapted to create an electronic document, display the electronic document in WYSIWYG form to the user, and allow a user to select and edit at least one element of the electronic document while at least a portion of the electronic document is simultaneously displayed;

further wherein the authoring program is adapted to provide that the authoring tools create an electronic document and that the client computer transfers to the server computer the electronic document in a form allowing a translation program executing on the server computer to create the prepress format file so that when the prepress format file is used to produce a document the document is consistent with a WYSIWYG image displayed to the user on the client computer by the authoring program, and so that the user need only be concerned with authoring

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the electronic document and not with the creating a prepress format file, and further so that the authored electronic document can be automatically processed by the server computer into a prepress format file.

A 9 [such that the authoring program is used to create a document, which is uploaded to the server through the communications device for translation to a suitable prepress format and submission to a printer.]

35. The client computer of claim 34, wherein the computer-readable medium is selected from the group essentially comprising memory and a nonvolatile storage medium.

36. The client computer of claim 34, wherein the communications device is selected from the group essentially comprising a modem and a network card.

37. The client computer of claim 34, wherein the operating environment program comprises an Internet world-wide-web browser program.

38. The client computer of claim 34, wherein the operating environment program comprises an intranet world-wide-web browser program.

39. The client computer of claim 34, wherein the operating environment program comprises an extranet world-wide-web browser program.

A 10 40. (Amended) A server computer comprising:

a processor;

a computer-readable medium;

a communications device;

an authoring program stored on the computer-readable medium for downloading through

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the communications device and use by a client computer to create an electronic document,
wherein the authoring program includes one or more document authoring tools and further
wherein at least some of the authoring tools are adapted to author an electronic document;

wherein at least one downloaded authoring tool is a program is adapted to execute in a
web browser and has one or more functions adapted to create an electronic document, display the
electronic document in WYSIWYG form to the user, and allow a user to select and edit at least
one element of the electronic document while at least a portion of the electronic document is
simultaneously displayed;

A10 the authoring program further adapted to provide that the authoring tools create an
electronic document using the client computer and that the client computer transfers the
electronic document to the server computer in a form allowing a translation program executing
on the server computer to create a prepress format file so that when the prepress format file is
used to produce a document the document is consistent with the WYSIWYG form displayed to
the user on the client computer, and so that the user need only be concerned with authoring the
electronic document and not with the creating a prepress format file, and further so that the
authored electronic document can be automatically processed by the server computer into a
prepress format file; and,

[a] the translation program executed by the processor from the computer-readable
medium [to translate the document to a suitable prepress format and send the document as
translated to a printer through the communications device].

41. The server computer of claim 40, wherein the computer-readable medium is selected from the group essentially comprising memory and a nonvolatile storage medium.

42. The server computer of claim 40, wherein the communications device is selected from the group essentially comprising a modem and a network card.

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43. (Cancelled) A computer-readable medium having a computer program stored thereon for downloading to a client computer from a server computer and for execution on the client computer within an operating environment program, the program comprising means for creating a document, which is uploaded to the server through a communications device for translation to a suitable prepress format and submission to a printer.

44. (Cancelled) A computer-readable medium having a computer program stored thereon for execution on a server computer, the program comprising:

means downloadable to a client computer for creating a document; and,

means for translating the document to a suitable prepress format and for sending the document as translated to a printer through a communications device of the server computer.

Remarks

The following amendment is submitted in response to the Office Action dated April 26, and in view of the interview of Monday August 28, 2000, between the below signed attorney, the applicant Steve Jecha, Examiner Colbert and her Supervising Examiner Hosain Alam.

Examiner Interview Summary

In the interview, the Applicants' claims were discussed and a previously uncited reference was brought to the Applicants' attention by the Supervising Examiner, Hosain Alam, namely the Adamson reference, U.S. Patent No. 5,818,442, issued October 6, 1998. In addition, the Applicants' noted in general that the Grasso reference cited in the Office Action was not as relevant as other art previously distinguished. Rather than discuss that reference, the Applicants' attention was drawn to the Adamson reference, but the Applicant was not in a position to rebut that reference without study and therefore agreed to take it under advisement.

Background of the Applicants' Invention

As set forth in the Applicants' specification, the publishing process typically requires several steps to successfully complete a printed publication. Such steps include planning and

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